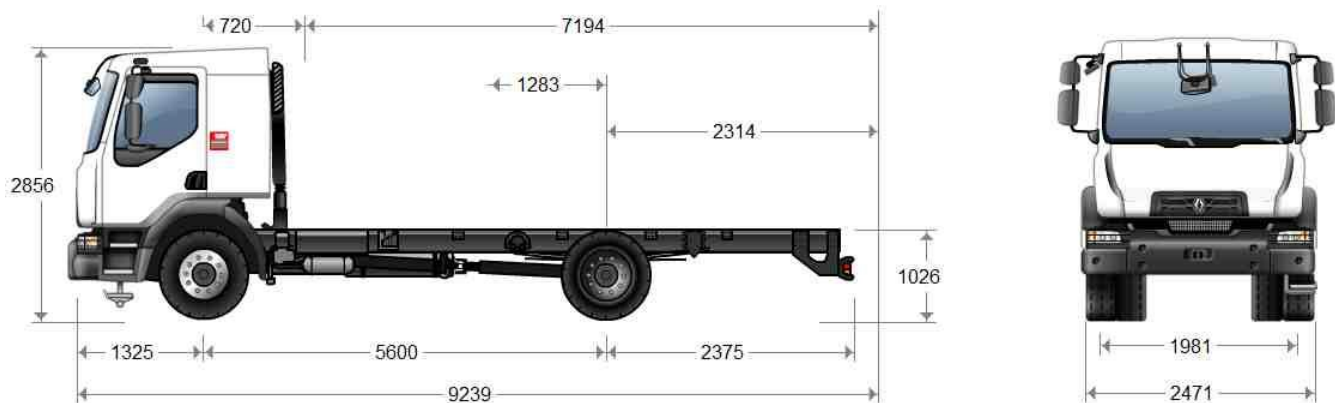


Renault Midlum D- Range D 18



WEIGHTS

Wheelbase		mm	5.600
Maximum Weight (registered)	Total (GVW)	Kg	18000
Payload	(C)	Kg	12875
Kerb Weight	total	Kg	5125
Chassis cab kerb weight	Front axles (Liftable axle down)	Kg	3396
	Rear axles (Liftable axle down)	Kg	1729
Maximum Weight (registered)	Front axle(s)	Kg	7100
	Rear axle(s)	Kg	11500

This table includes the weights of the RENAULT TRUCKS options (without driver or passenger). It is understood to be in working order with full tanks (see FUEL TANK chapter) and on board tooling.

LENGTHS

Wheelbase		mm	5.600
Body length	Max. (Wmax / BEP L105)	mm	7194
	Min. (Wmin / BEP L105)	mm	6651
Bodywork rear overhang	Max. (Xmax / BEP L017)	mm	2314
	Min. (Xmin / BEP L017)	mm	1771
Centre of Gravity of load	Max. (Ymax / BEP L103)	mm	1554
	Min. (Ymin / BEP L104)	mm	1283
Max Overall Length (Z)	(Zmax / BEP L001)	mm	9239
Min Overall Length (Z)	(Zmin / BEP L001)	mm	8696
Cab entry	(B / BEP L102)	mm	720
Wheelbase	(F / BEP L011)	mm	5600
Rear overhang	Chassis (BEP L020)	mm	2375
Overall Chassis Length	(A / BEP L032+L016)	mm	9300
Front Overhang	(H / BEP L016)	mm	1325

HEIGHTS

Wheelbase		mm	5.600
Frame top height at drive axle	Unladen (H2 / BEP H037)	mm	1026
	Laden (H2 / BEP H038)	mm	927
Cab height (unladen)	(O)	mm	2856
Ground clearance, laden	Front (U1 / BEP H015)	mm	291



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Rear (U3 / BEP H016)

mm

224

WIDTHS

Wheelbase		mm	5.600
Max. cab width	(BEP W002)	mm	2400
Track	Front (V1 / BEP W013.1)	mm	1981
	Rear 1 (V2 / BEP W013.2)	mm	1834
Width at rear wheels	Rear axle 1 (V3 / BEP W003.1)	mm	2471
Frame width	Rear (BEP W036)	mm	850
	Front (BEP W035)	mm	850

OTHER

Wheelbase		mm	5.600
Turning Radius	Overall (BEP W012)	mm	10580



DXi7 ENGINE

Maximum power: 237hp (177 kW) at 2300 rpm.

Maximum torque: 920 Nm from 1200 to 1700 rpm.

6-cylinder in-line diesel engine - 4 valves per cylinder - Timing gear mounted in the rear.

COMMON RAIL high-pressure direct fuel-injection 1700 bars.

Bore 108 mm - stroke 130 mm - capacity 7.2 litres.

Exhaust turbocharged with air/air intercooler.

Rotation : anti-clockwise

Oil capacity : 25.9 l including filtration.

Viscous coupling fan

Antifreeze protection: -25°C.

CEE EURO3 pollution control level.

Soundproofing level complies with EEC standards (80dB)

ENGINE EQUIPMENT

Electronic idling control.

Cold starting -15° C.

Without engine Power Take Off.

Electronic speed limiter (90 km/h).

GEARBOX

ZF 6S 1000 TO

6-speed manual gearbox (synchromesh) and 1 reverse gear (6.75 - 0.77).

In-line gear pattern.

SERVOSHIFT gear changing assistance.

Cable-operated gearshift control.

RETARDER

Exhaust brake : up to 130 kW.

POWER TAKE-OFFS

Without gearbox mounted PTO

STEERING

Hydraulic steering box with variable step-down power assistance.

AXLE

Load capacity (technical max.) Front axle: 7.1 t.

REAR DRIVE AXLE

P11150 drive axle with single reduction

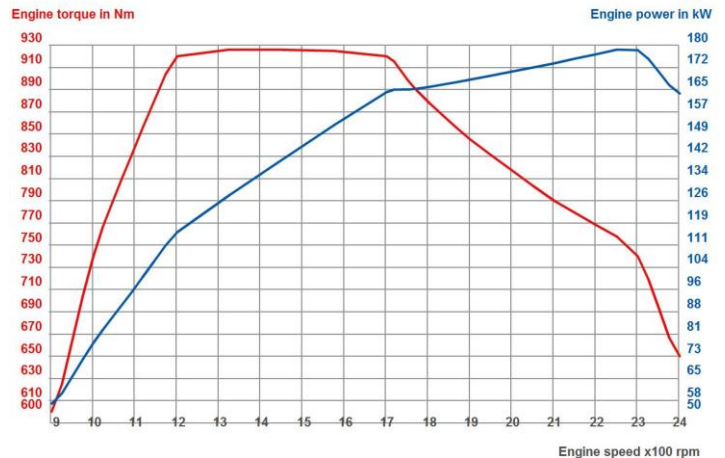
Load capacity (technical max.): Rear axle : 11.5 t.

Rear axle hypoid ratio 8 x 36 (ratio 4.5).

Differential lock

WHEELS AND TYRES

B.295/80 R22.5 M840/M840



Twin wheels at the rear.

Grey wheels.

Spare wheel with jack, delivered loose.

BRAKING

Service brake:

Electro-air braking system - two independent circuits, managed by EBS electronics (Electronic Braking System).

All disc braking.

Electronic management of air production by APM (Air Product Management)

Dryer cartridge optimised by preventive maintenance

Compressor disengagement in engine starting phase

Twin-cylinder air compressor 225 cm³.

EBS:

- Anti-wheel lock braking system (ABS).

- Emergency braking assistance (AFU).

- Drag torque control (torque control during downshifting).

- Brake harmonisation of tractor and trailer.

- Brake performance warning.

Parking brake:

With air control, immobilisation ensured by spring cylinders.

Brake adjustment:

Automatic brake lining slack compensation.

Emergency brake:

Ensured by independence of main device circuits

CAB

Cab exterior:

All steel Cab, electro-zinc plated and cathophoretic paint treatment.

2-door Global cab (2m).

Cab paint colour: WHITE EKLA

Anti-spray deflectors

3-part steel bumper

Front protective moulding and wing mirrors: black



Bukkehave™

Two point mechanical rear cab suspension.
Hydraulic cab tilt (2 cylinders for 4-door double cab).
2 manually adjustable external rear view mirrors.

[Kerb view mirror.](#)

Rear view mirrors for bodywork up to 2.55 m wide

[Front view mirror.](#)

Roof-level air intake.

Stepwell lighting.

Access to driving position by 2 stepwell steps.

Step lighting.

Tinted and laminated windscreen and windows.

Rear cab window.

Cab interior:

Upper single storage compartment - 50 litres capacity.

Radio pre-equipment including wiring, antenna and loudspeakers.

Without tachograph

Adjustable driver's seat with headrest.

Red seat belts

Soft door lining

Oddments tray in doors.

Front passenger bench (2 seater) with 3-point seat belts and integral headrests.

Blower socket on central console

Air blower socket on gearshift console.

Cab lighting time-delay.

Handbook and Service pack in English Export.

[Engine hourmeter.](#)

Steering wheel equipment:

Adjustable, 4-spoke steering wheel.

4-spoke steering wheel.

Steering column fingertip controls.

Steering column lock.

2-speed windscreen wipers with incorporated wash jets and intermittent wipe.

[Steering column with rake adjustment by pneumatically-controlled pedal.](#)

Instrument panel:

Electronic display with :

- Centralised digital road speed display with analogue rev counter

- Radio, outside temperature and clock display (left hand matrix)

- Analogue display of oil level, water temperature and air pressure.

- Operating warning light alert.

Digital display on small rh matrix on supplementary driving information; warnings and diagnostic alerts.

- Anti-glare window.

- Adjustable screen display lighting intensity.

Removable ashtray and cup holders

Raised engine tunnel.

ELECTRICAL EQUIPMENT

Battery capacity: 140 Ah

24V voltage supplied by two batteries.

High amp fuse box in battery box.

External Master switch

Alternator : 100 amp capacity.

Lighting to EEC standards.

Electrical headlamp levelling control.

[Headlamp protection grille.](#)

CHASSIS

Sidemember section of Heavy chassis:

244 x 70 x 7 / 8 mm depending on wheelbase and suspension.mm

Chassis width: 850 mm

Heavy chassis

Removable front towing cap.

Without front under-run protection (DPEA).

Without rear under-run bar

Chassis rear closing crossmember.

[Engine air filter and cartridge.](#)

SUSPENSION

Front suspension

Front parabolic leaf springs.

Front telescopic shock absorbers fixed in front of axis (easier to repair)

Anti-roll bar.

Rear suspension:

[Rear reinforced parabolic leaf springs. Anti-roll bar.](#)

Telescopic shock absorbers.

FUEL TANK

Main plastic tank: 200 litres capacity. (168 kg of diesel)

Fuel tank on right side.

Filler cap locking with key

[Heavy duty sedimenter and prefilter \(R90\).Bleed control on dashboard.](#)

STANDARD EQUIPMENT

Side exhaust (outlet outside chassis).

Tool kit.

[Reversing warning buzzer, including night switch.](#)

BODYWORK

[Standard fastening kit delivered for body mounting and attachment.](#)

Bodywork angle brackets.

Provision for bodybuilder electronic box interface.

[Missing label]



GEARBOX RATIOS

1	2	3	4	5	6
6.75	3.60	2.13	1.39	1.00	0.78

PERFORMANCE

Engine speed at 90 km/h: 1654 rpm

The manufacturer reserves the right to modify the specifications above without prior notice.

Non contractual document.

For further assistance please contact Product Applications at Renault Trucks UK Limited, Houghton Hall Business Park, Porz Avenue, Dunstable, LU5 5FT. Telephone +44 (0)1582 471122.